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CALIFORNIA DEPARTMENT OF WATER RESOURCES

Electricity Supply Strategic Reliability Reserve

CEC Business Meeting, February 28, 2022



Jorge Quintero, P.E.

Strategic Reliability Reserve Update

- AB 205 mandates quarterly CEC Business meeting updates:
 - Investments made and under consideration
 - Requires attendance by CPUC and CAISO presidents
- First update 11/16/22 CEC Business Meeting: Agenda Item 3
- After today's update, next update in Q2 2023
- Progress report submitted to the Joint Legislative Budget Committee



California Benefits from Electricity Supply Strategic Reliability Reserve

- Acts as insurance policy and safeguards the statewide electrical grid
- Provides additional energy reserves during extreme and combined events (heat events, wildfires, and drought)
- Helps to avoid power shortages and outages for millions of Californians
- Supports California's transition to a clean energy future



DWR's Role

- Identify, prioritize and select new generation projects
- Develop/execute contracts and oversee engineering, procurement and construction of projects
- Implement state certification and environmental compliance
- Administer Electricity Supply Reliability Reserve Fund
- Coordinate with State agencies (CARB, CEC, CPUC, SWRCB, etc.) and CAISO and report progress



Five (5) Eligible Types of Projects



Extended
Operations of
Retiring Facilities



Emergency &
Temporary Power
Generators > 5MW



Energy storage
 ≥ 20 MW



Zero-Emission
Fuel Technology
Generation



Import Energy
& Import Capacity
Products



Investments in Strategic Reliability Reserve Assets



Emergency and temporary power generators
200 MW (2022 only), 291 MW (2023+)



Import Energy & Import Capacity Products
1,419 MW (2022 only)



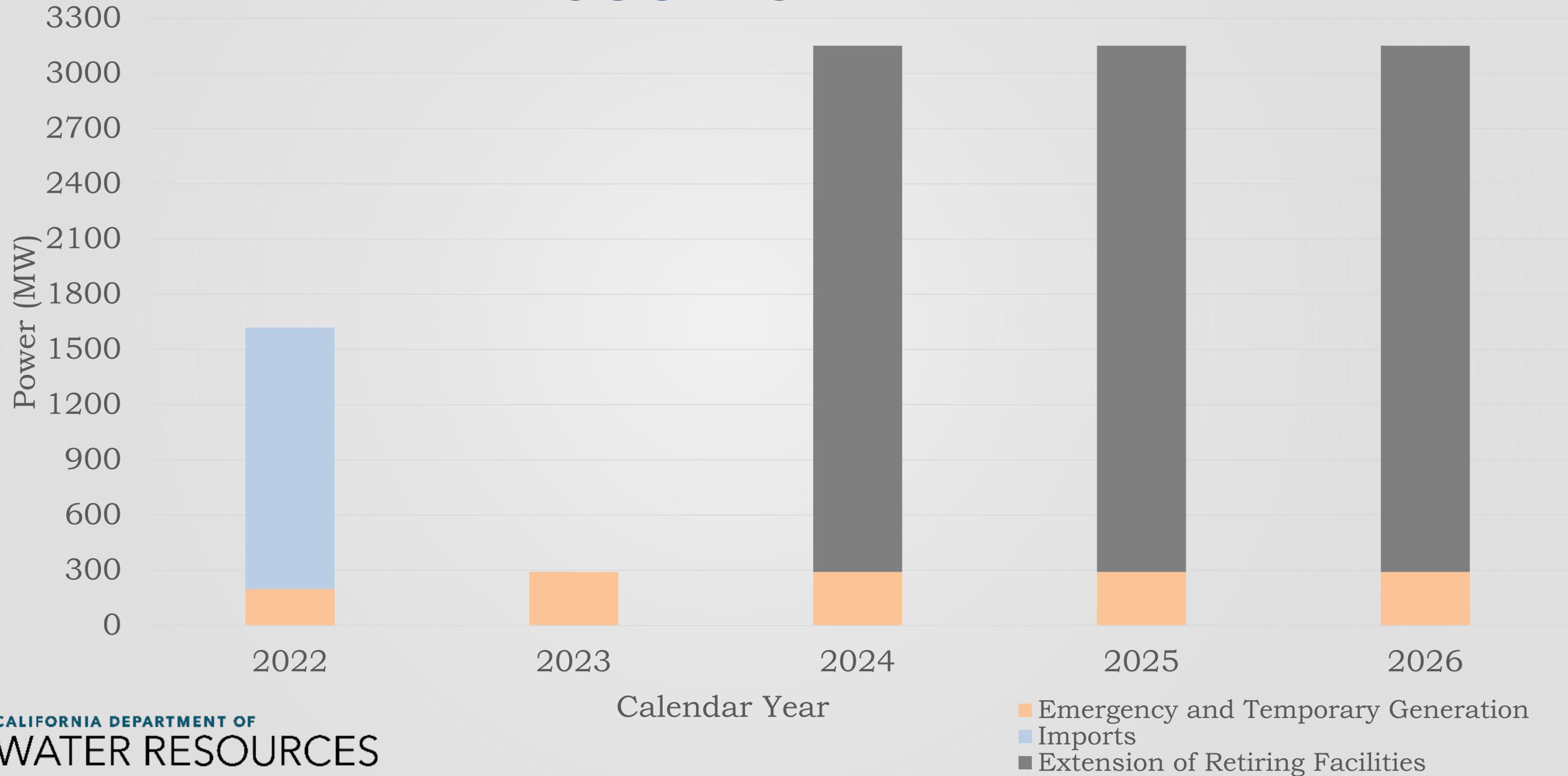
Investments in Strategic Reliability Reserve Assets



Extended operations of retiring facilities – up to 2,859
MW (2024)



Electricity Supply Strategic Reliability Reserve MW



Next Reporting Update

- Written report to the Joint Legislative Budget Committee due May 1, 2023
- Quarterly Update at the June 2023 CEC Business Meeting



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